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Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 111588	APPLICATION NO. New US Patent Application
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Isamu SATO, Koji SHIMAZAWA, Satoru ARAKI	
		FILING DATE December 26, 2001	

JC927 U.S. Pto
10/025694
12/26/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
B		JP 11-135857 abstract only	05/21/1999	JAPAN		
B		JP 2000-113438 abstract only	04/21/2000	JAPAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER *S.mull*	DATE CONSIDERED 4/11/04

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449 (REV. 8-83)	U.S. Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 111588	APPLICATION NO. 10/025,694
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Isamu SATO et al.	
		FILING DATE December 26, 2001	GROUP 2772 2652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
/B/		JP A 2000-200403 w/ abstract	07/18/2000	JAPAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER	DATE CONSIDERED 4/16/04

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